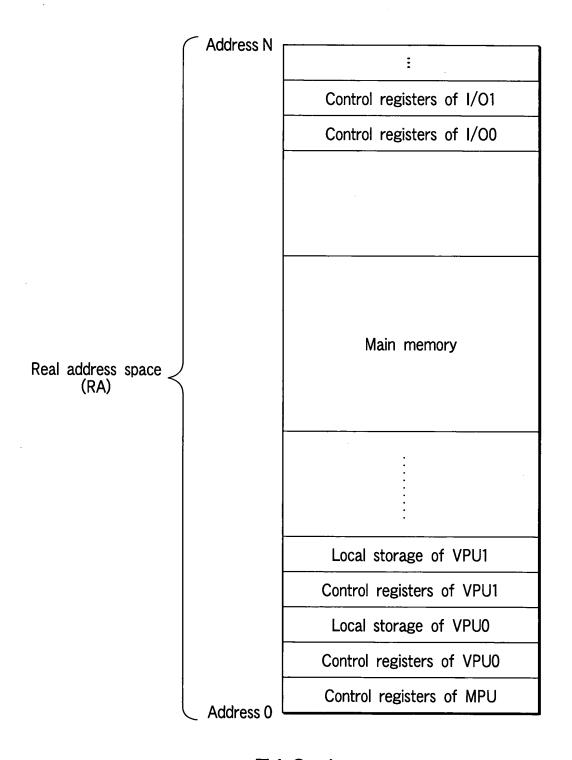
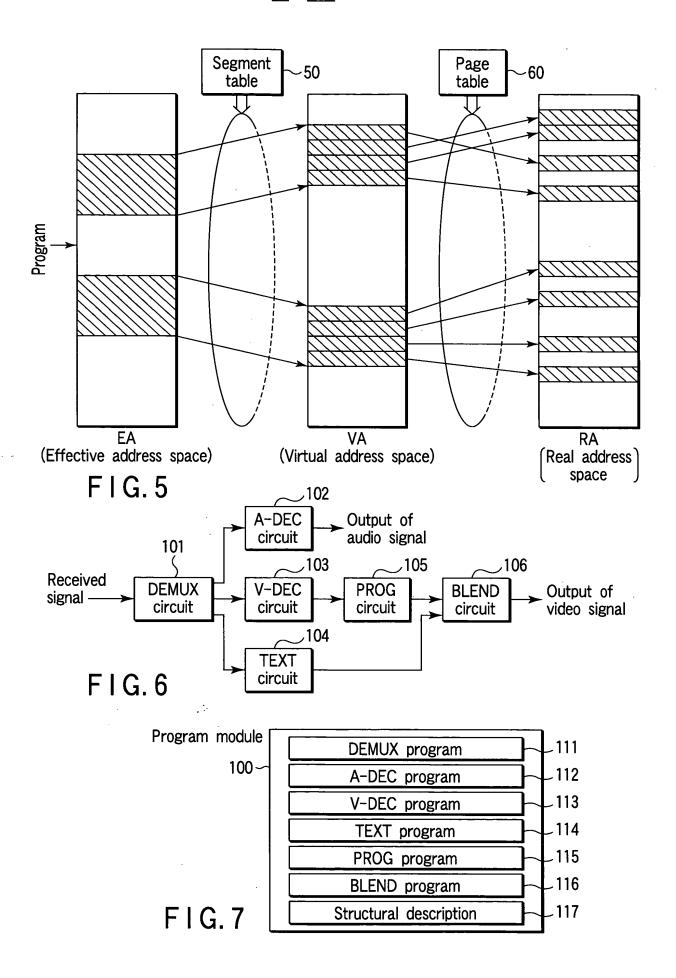


FIG.3

OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 3 OF 28



F I G. 4



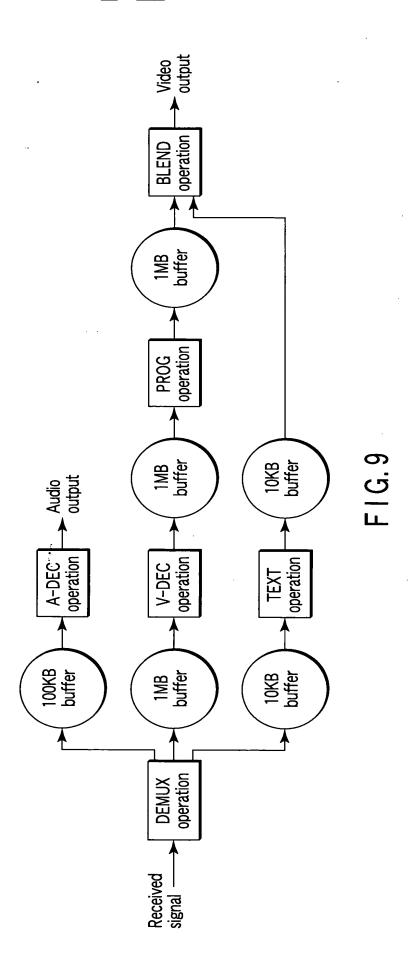
## Structural description 117

Number	Program	Input	Output	Cost	Buffer
(1)	DEMUX	Received signal	(2)	-	100KB
			(3)	5	1MB
			(4)		10KB
(2)	A-DEC	(1)	Audio output	10	
(3)	V-DEC	(1)	(5)	50	1MB
(4)	TEXT	(1)	(6)	5	10KB
(5)	PROG	(3)	(6)	20	1MB
(6)	BLEND	(4) (5)	Video output	10	

## Thread parameters

( Tightly coupled thread group: Loosely coupled thread group:

Others



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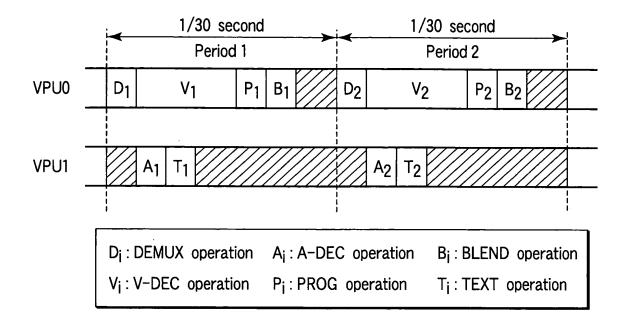


FIG. 10

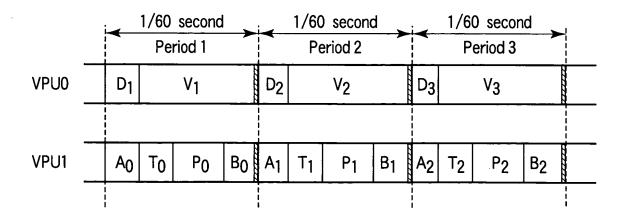


FIG. 11

OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 8 OF 28

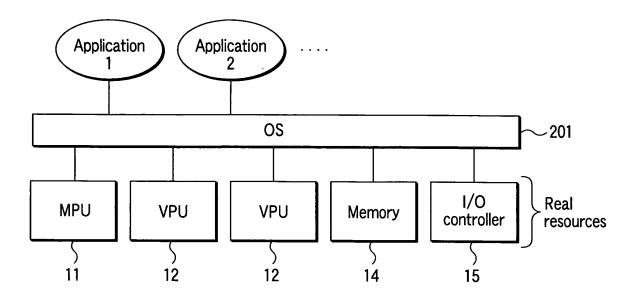


FIG. 12

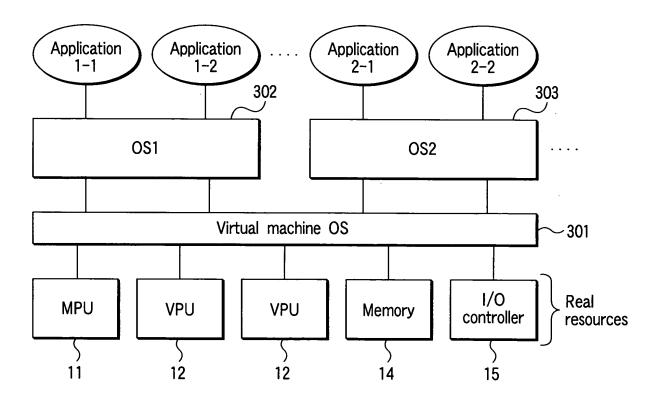
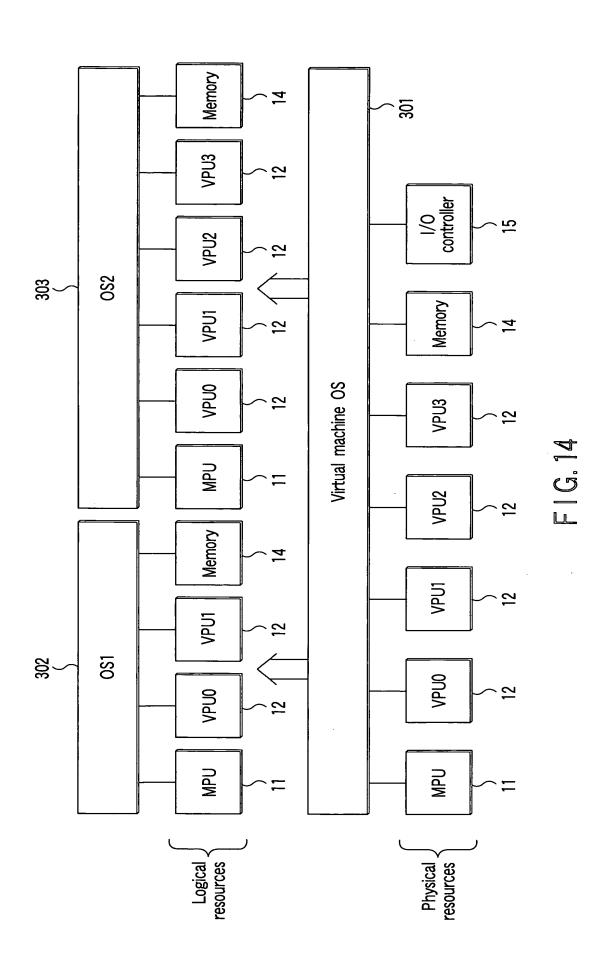
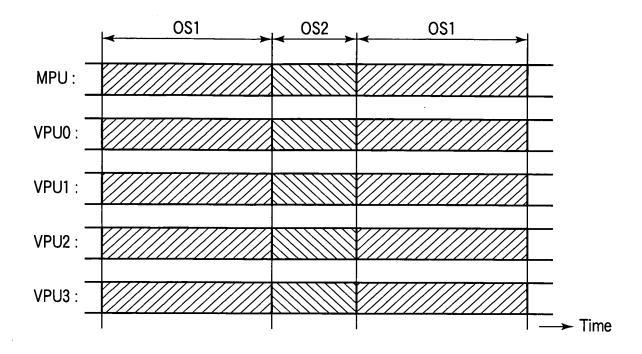


FIG. 13



OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 10 OF 28



F I G. 15

VPU0:

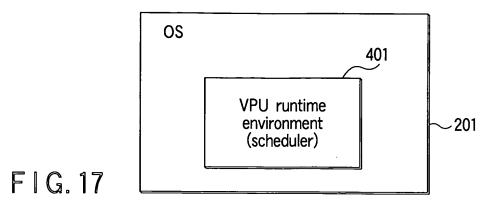
VPU1:

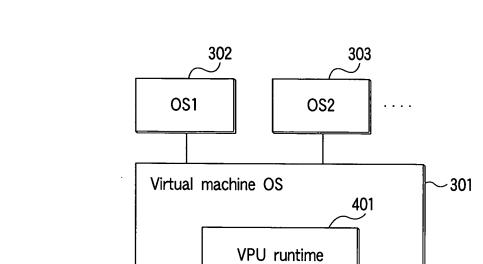
VPU2:

— Exclusively for OS1

FIG. 16

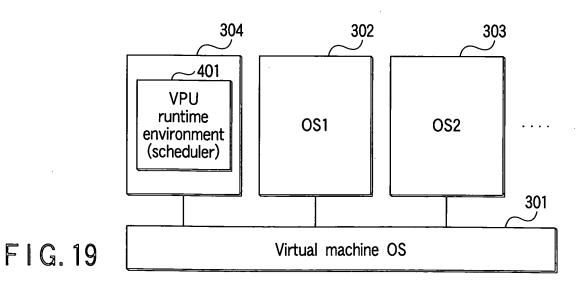
OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 11 OF 28





environment (scheduler)

FIG. 18



OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 12 OF 28

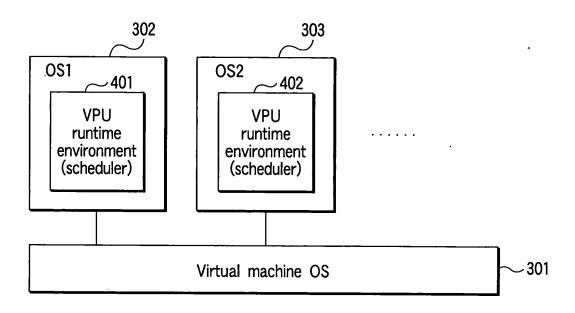
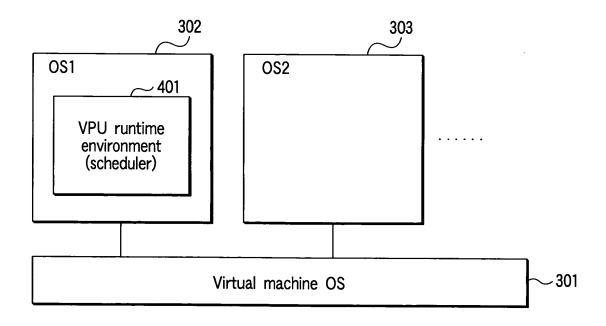


FIG. 20



F I G. 21

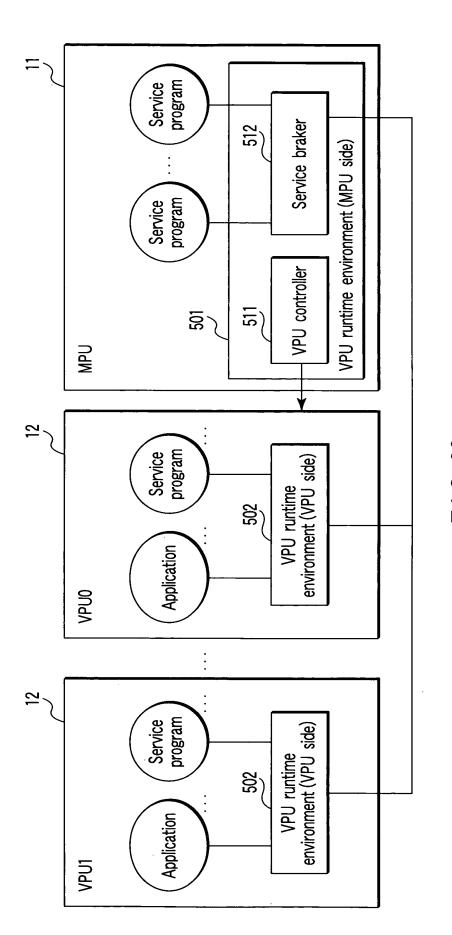
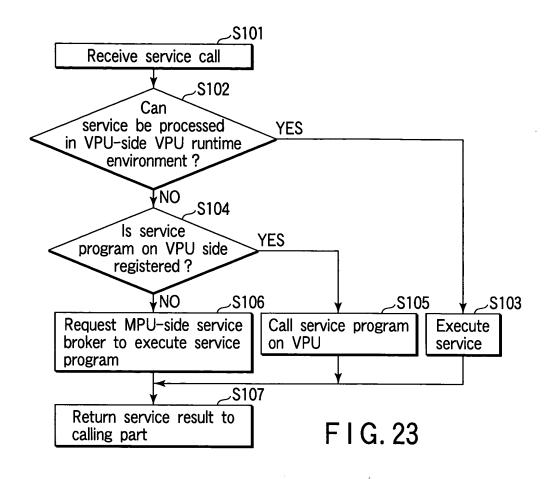
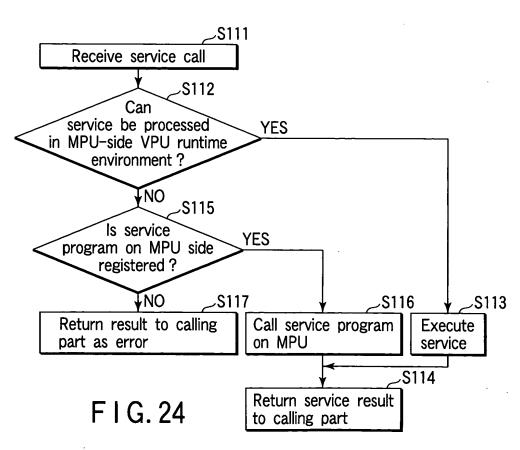


FIG. 22





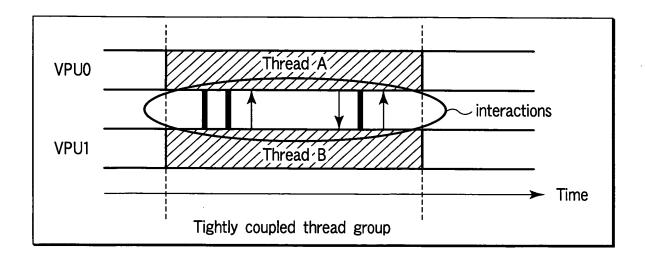
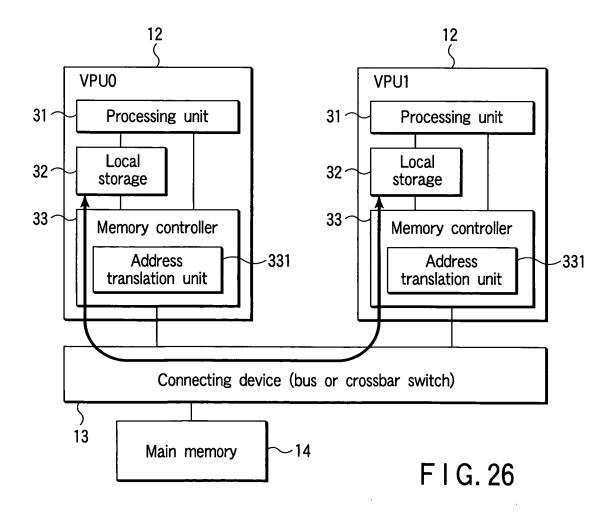


FIG. 25



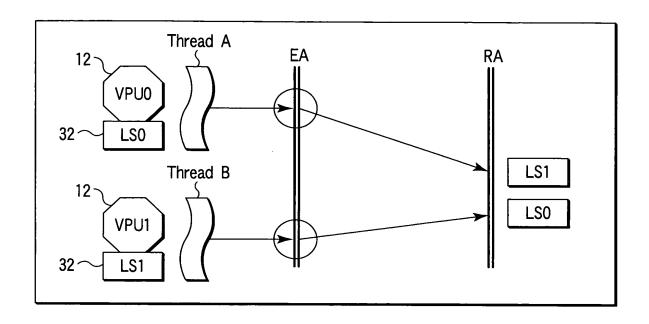


FIG. 27

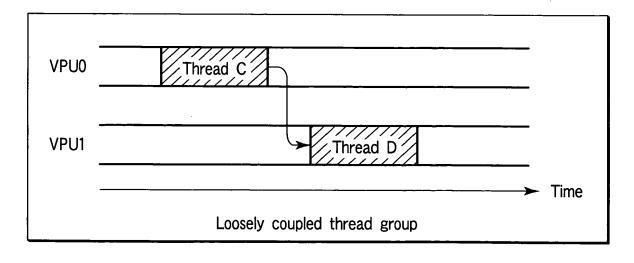


FIG. 28

OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 17 OF 28

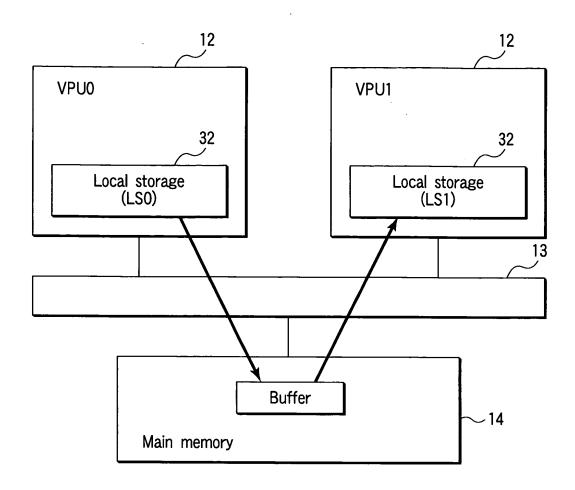
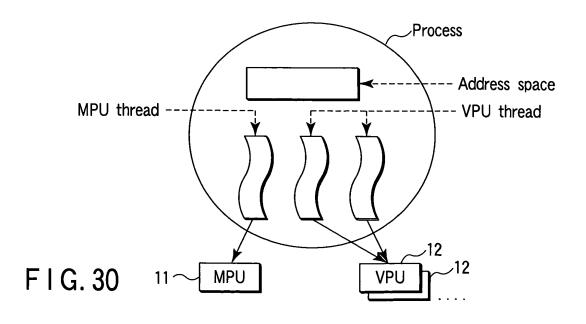
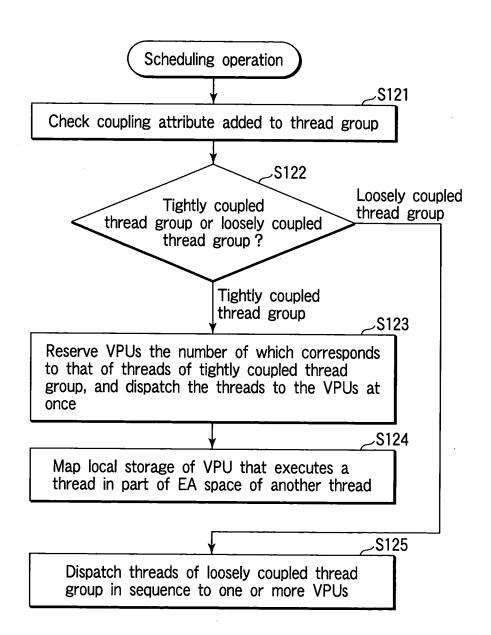


FIG. 29





F I G. 31

OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 19 OF 28

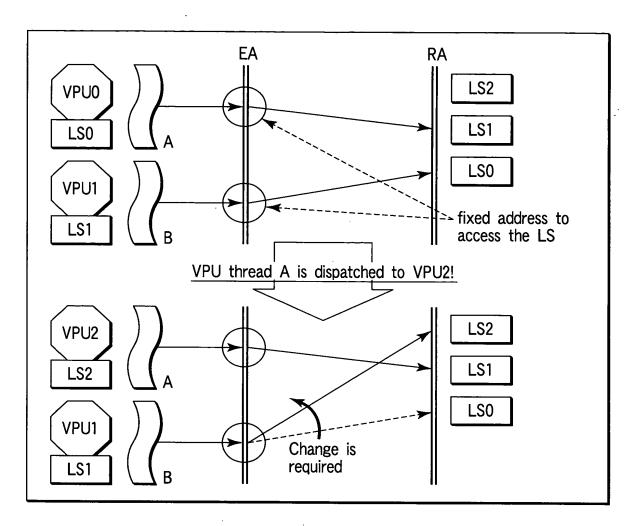


FIG. 32

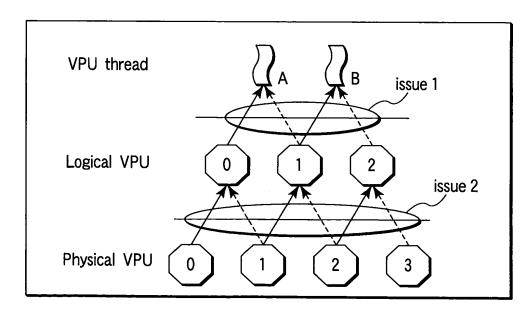


FIG. 33

OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 20 OF 28

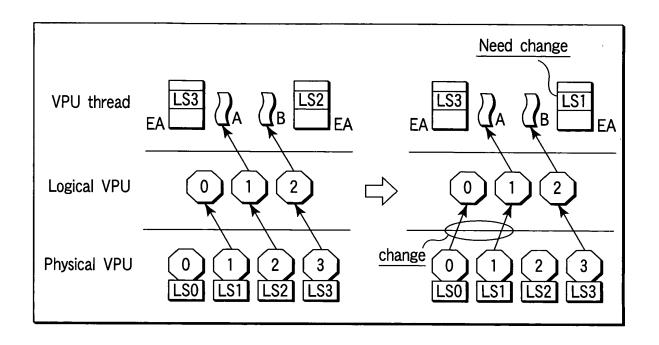


FIG. 34

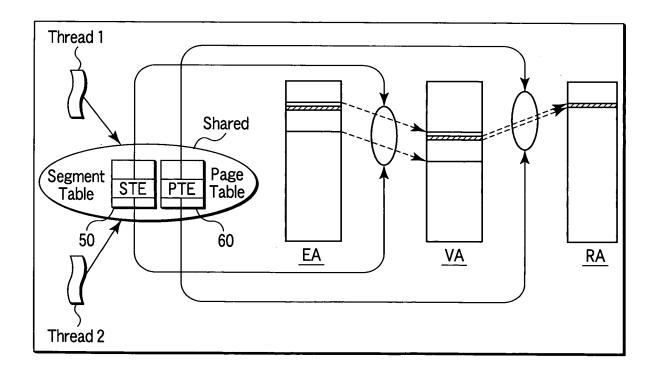


FIG. 35

OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET 21 OF 28

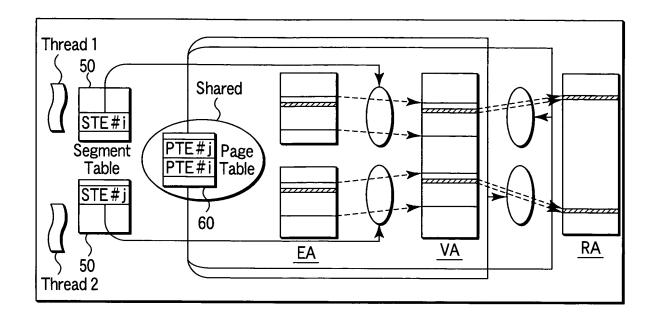


FIG. 36

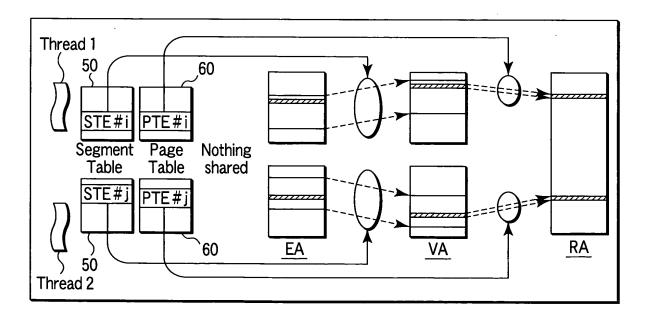
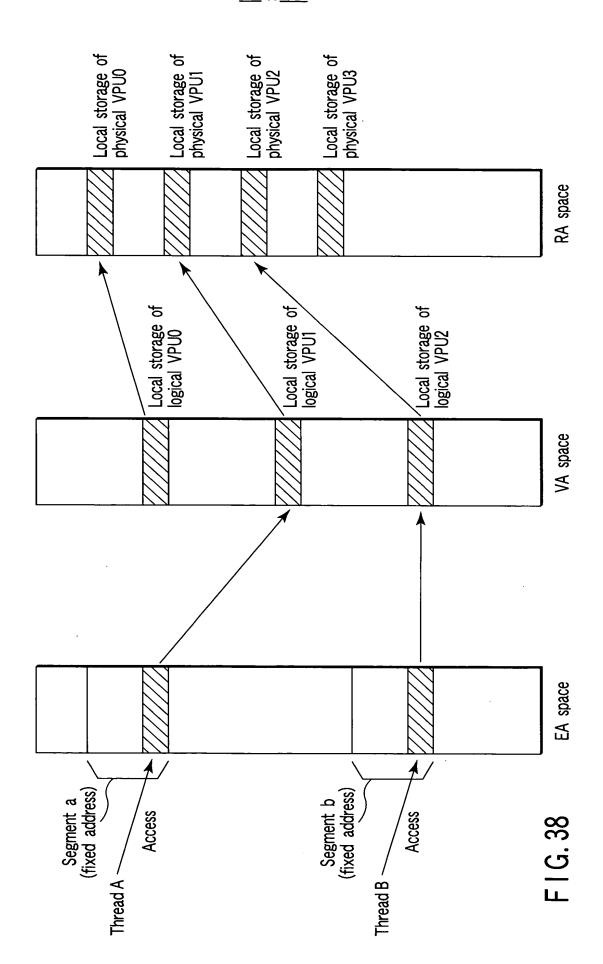
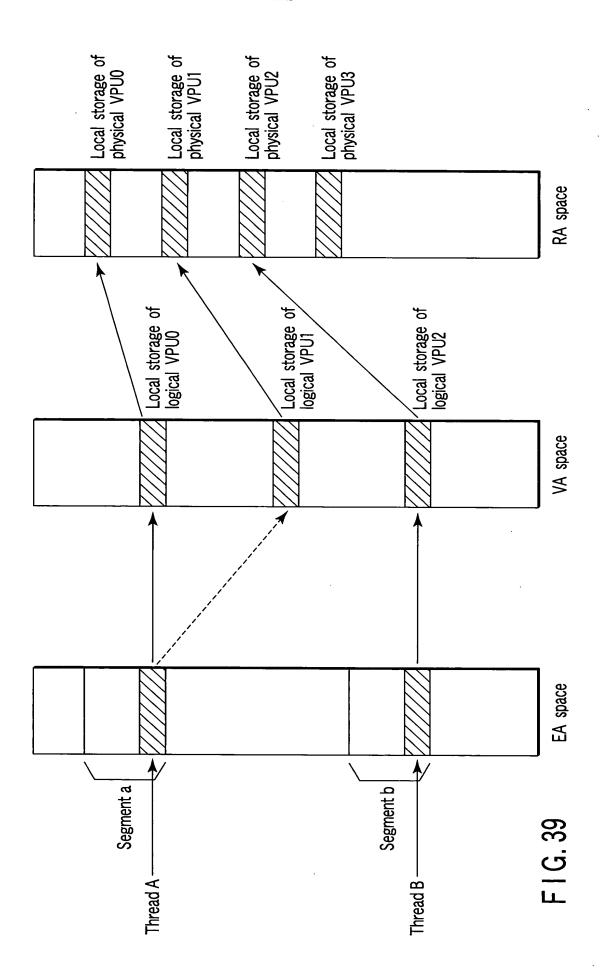
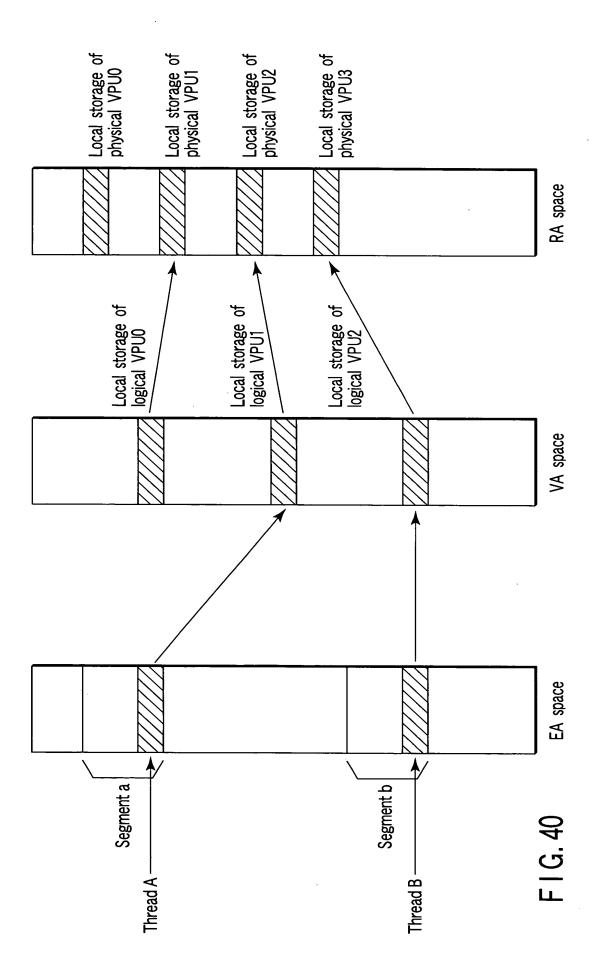


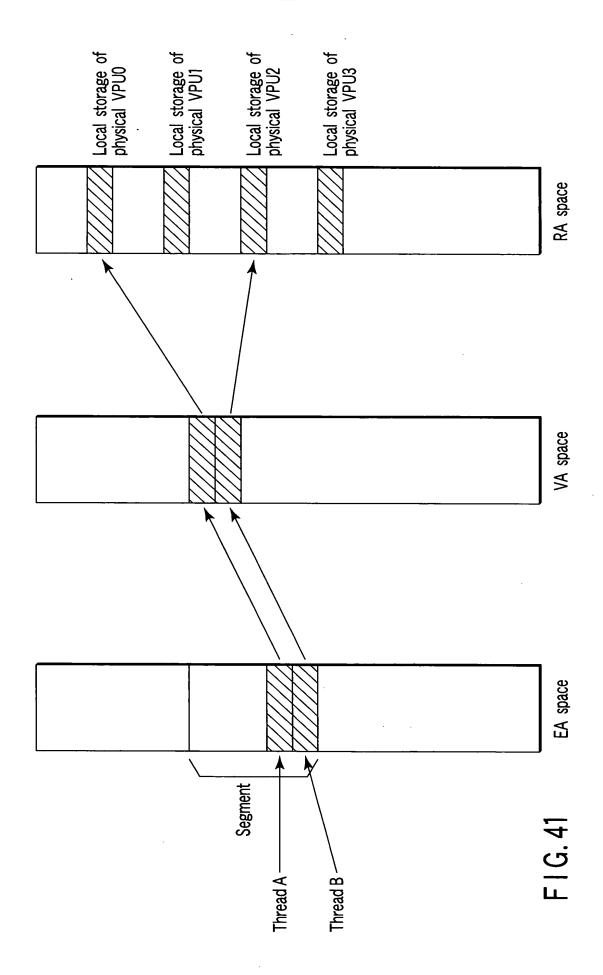
FIG. 37



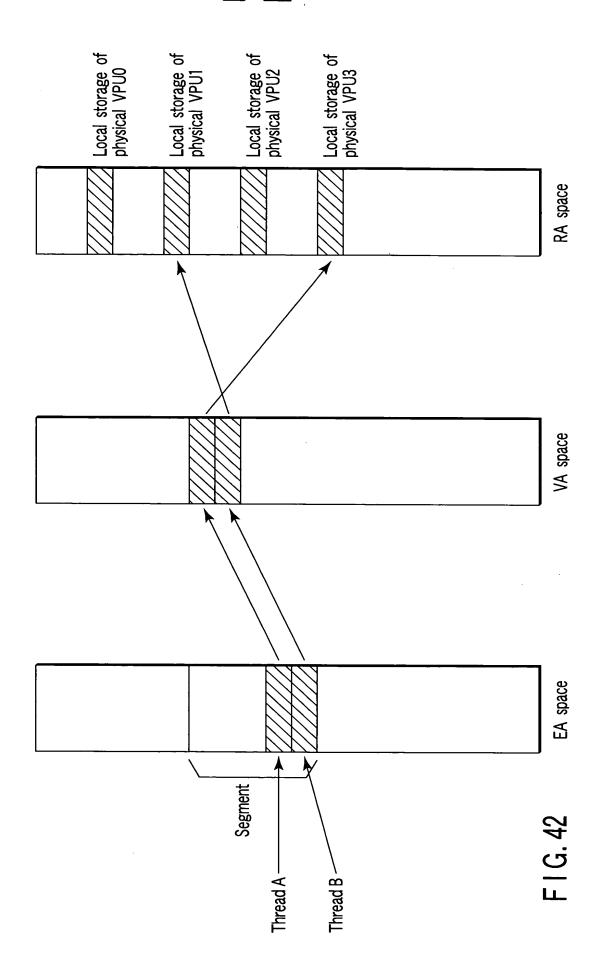




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OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET <u>26</u> OF <u>28</u>



OBLON, SPIVAK, ET AL DOCKET #: 251092US2SRD INV: Tatsunori KANAI, et al. SHEET <u>27</u> OF <u>28</u>

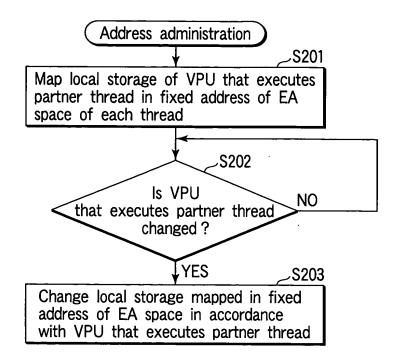
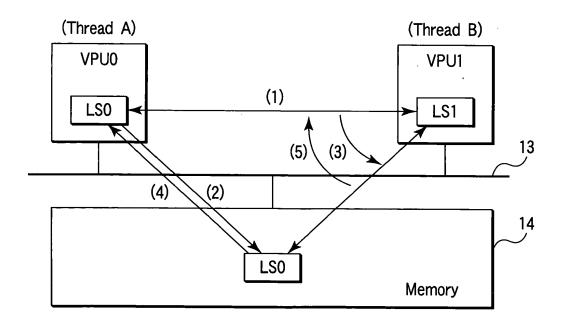


FIG. 43



F I G. 44

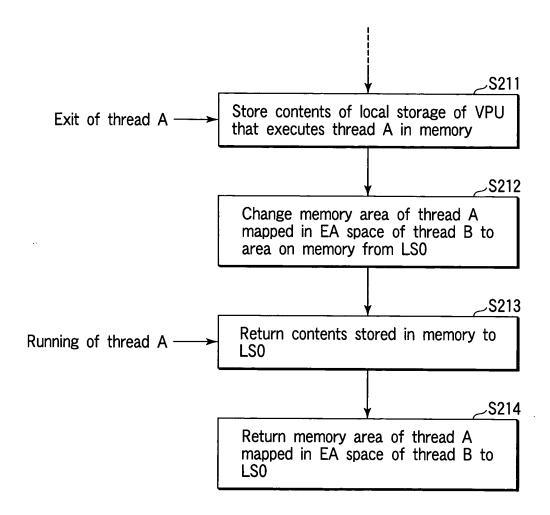


FIG. 45